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IN THE ABSTRACT:

3012618825

Please substitute the following abstract for the abstract in the application:

A computer system and method for interpreting codified provisions, wherein the method comprises conducting a search of documents pertaining to customized user related interests in a computerized database; storing codified provisions of a document as computer programming language declarative statements that use logical expressions to represent a logical structure of the codified provisions; storing evaluation functions comprising computerized logic code representing the customized user related interests in the document and related to the computer programming language declarative statements; evaluating the computer programming language declarative statements using at least one of the stored evaluation functions for an event concerning the codified provisions; and presenting the evaluated computer programming language-declarative statements to a user as a search result.

A system and method are provided to link a code to the occurrence of an event using logically expressed rules. Text fragments which are written following some type of pattern are called codes, wherein examples of codes include laws, contract statements, and agreements. Accordingly, the codes are represented as logical expressions in a computer database. Thereafter, the interests of different parties affected by or having an interest in the codified provisions are represented by evaluation expressions that relate to the party's particular circumstance. When an event that relates to the codified provisions occur and has to be evaluated for a party, the rules are evaluated in view of the event, and each of the party's evaluation expressions. The result contains matched rules that can be mapped back to the codes they represent.

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